

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	12	symplectic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 11:51
S2	5	symplectic and render\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 11:43
S3	0	symplectic and tracing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 11:43
S4	0	symplectic and ray adj tracing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 11:43
S5	1	symplectic analyses	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 11:44
S6	0	symplectic same analyses	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 11:44
S7	0	ray-tracing same meshing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 11:51
S8	4	ray-tracing and meshing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 12:10

S9	0	ray-tracing and meshing and hamilton	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 12:11
S10	1	ray-tracing and euler and hamilton	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 12:12
S11	15	ray-tracing and hamilton and rendering	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 12:15
S12	0	hamilton near3 canonical and rendering	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 12:15
S13	0	hamilton near3 canonical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 12:15
S14	1	hamilton same ray-tracing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 12:16
S15	379	hamilton same display\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 12:16
S16	0	hamilton adj canonical same display\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 12:17

S17	0	hamilton near4 canonical same display\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 12:17
S18	0	hamilton near4 canonical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 12:17
S19	614	curve near5 light and photons	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 12:18
S20	2	(curve near5 light and photons)same render\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 12:19
S21	870	curved adj light	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 12:19
S22	0	curved adj light same numerical adj analy\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 12:20
S23	242	light same numerical adj analy\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 12:20
S24	1	light same numerical adj analy\$6 and ray-tracing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 12:21

S25	858	ray-tracing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 12:22
S26	1	ray-tracing and hamilton and euler	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 12:23
S27	0	ray-tracing and differentiation near3 fast	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 12:23
S28	0	ray-tracing and differentiation near5 fast	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 12:23
S29	0	ray-tracing and differentiation samr fast	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 12:23
S30	1	ray-tracing and differentiation same fast	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 12:27
S31	68	ray-tracing same (path or pathways)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 12:27
S32	0	ray-tracing same (path or pathways)near4 protect\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 12:28

S33	0	ray-tracing same (path or pathways)same(maintain or protect\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 12:29
S34	17	ray-tracing and parallelogram	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 12:36
S35	0	ray-tracing and parallelogram and fast near5 differentiation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 12:32
S36	1	ray-tracing and parallelogram and fast and differentiation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 12:33
S37	155	ray-tracing and ("359"/\$.ccls. or "353"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 13:48
S38	1	ray-tracing and ("359"/\$.ccls. or "353"/\$.ccls.)and euler and hamilton	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 12:38
S39	0	ray-tracing and ("359"/\$.ccls. or "353"/\$.ccls.)and fast near3 differentiation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 12:38
S40	1	ray-tracing and ("359"/\$.ccls. or "353"/\$.ccls.)and fast same differentiation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 13:44

S41	1	ray-tracing and fast same differentiation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 13:44
S42	60	herbert and colorimetry	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 13:46
S43	0	ray-tracing and fix\$4 near10 (view and (location or position))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 13:49
S44	10	ray-tracing and fix\$4 near10 (view and (location or position))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 13:50
S45	9	ray-tracing and fix\$4 near10 (view and (location or position))and (acquir\$3 or captur\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 13:51
S46	6	ray-tracing and fix\$4 near10 (view and (location or position))and (acquir\$3 or captur\$3)and render\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 13:53
S47	130	ray-tracing and (view and (location or position))and (acquir\$3 or captur\$3)and render\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 13:53
S48	35	ray-tracing same screen and (view and (location or position))and (acquir\$3 or captur\$3)and render\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 13:54



S49	0	ray-tracing same screen ame (observation or observ\$5 or display\$4) and (view and (location or position))and (acquir\$3 or captur\$3)and render\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 13:55
S50	27	ray-tracing same screen same (observation or observ\$5 or display\$4) and (view and (location or position))and (acquir\$3 or captur\$3)and render\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 13:55
S51	11	ray-tracing same screen same (observation or observ\$5 or display\$4) and (view and (location or position))and (acquir\$3 or captur\$3)and render\$3 and light	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 13:56
S52	1	ray-tracing same screen same (observation or observ\$5 or display\$4) and (view and (location or position))and (acquir\$3 or captur\$3)and render\$3 and light and (hamilton or hamiltonian or euler or snell or (numerical or mathematical) near3 analy\$7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 13:58
S53	1	ray-tracing same screen same (observation or observ\$5 or display\$4) and (view and (location or position))and (acquir\$3 or captur\$3)and render\$3 and color and light and (hamilton or hamiltonian or euler or snell or (numerical or mathematical) near3 analy\$7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 14:03
S54	14	ray-tracing same screen same (observation or observ\$5 or display\$4) and (view and (location or position))and (acquir\$3 or captur\$3 or sensing or sensor)and render\$3 and (color or shadow\$3 or shading or gradation or gray adj scal\$3 or grey adj scal\$3 or light) and (hamilton or hamiltonian or euler or snell or (numerical or mathematical) near3 analy\$7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 14:04

S55	23	ray-tracing same screen same (observation or observ\$5 or display\$4) and (view and (location or position))and (acquir\$3 or captur\$3 or sensing or sensor)and render\$3 and (color or shadow\$3 or shading or gradation or gray adj scal\$3 or grey adj scal\$3 or light)same (hamilton or hamiltonian or euler or snell or (numerical or mathematical) near3 analy\$7 or interpolation or interpolat\$5 or calculat\$5 or algorithm\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 14:05
S56	21	ray-tracing same screen same (observation or observ\$5 or display\$4) and (view and (location or position))and (acquir\$3 or captur\$3 or sensing or sensor)and render\$3 and surface\$1 same (color or shadow\$3 or shading or gradation or gray adj scal\$3 or grey adj scal\$3 or light)same (hamilton or hamiltonian or euler or snell or (numerical or mathematical) near3 analy\$7 or interpolation or interpolat\$5 or calculat\$5 or algorithm\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 14:06
S57	21	ray-tracing same screen same (observation or observ\$5 or display\$4) and (view and (location or position))and (acquir\$3 or captur\$3 or sensing or sensor)and render\$3 and surface\$1 same (color or shadow\$3 or shading or gradation or gray adj scal\$3 or grey adj scal\$3 or light)same (hamilton or hamiltonian or euler or snell or (numerical or mathematical) near3 analy\$7 or interpolation or interpolat\$5 or calculat\$5 or algorithm\$1 or mathematical)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 14:06



S58	21	ray-tracing same screen same (observation or observ\$5 or display\$4) and (view and (location or position))and (acquir\$3 or captur\$3 or sensing or sensor)and render\$3 and surface\$1 same (color or shadow\$3 or shading or gradation or gray adj scal\$3 or grey adj scal\$3 or light)same (hamilton or hamiltonian or euler or snell or (numerical or mathematical) near3 analy\$7 or interpolation or interpolat\$5 or calculat\$5 or algorithm\$1 or mathematical or formula\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 14:08
S59	0	ray-tracing same screen same (observation or observ\$5 or display\$4) and (view and (location or position))and (acquir\$3 or captur\$3 or sensing or sensor)and render\$3 and surface\$1 same (color or shadow\$3 or shading or gradation or gray adj scal\$3 or grey adj scal\$3 or light)same (hamilton or hamiltonian or euler or snell or (numerical or mathematical) near3 analy\$7 or interpolation or interpolat\$5 or calculat\$5 or algorithm\$1 or mathematical or formula\$1)and (four adj dimension\$4 or 4d)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 14:10
S60	58	ray-tracing and(four adj dimension\$4 or 4d)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 14:09
S61	0	ray-tracing same screen same (observation or observ\$5 or display\$4) and (view and (location or position))and (acquir\$3 or captur\$3 or sensing or sensor)and render\$3 and surface\$1 same (color or shadow\$3 or shading or gradation or gray adj scal\$3 or grey adj scal\$3 or light)and (hamilton or hamiltonian or euler or snell or (numerical or mathematical) near3 analy\$7 or interpolation or interpolat\$5 or calculat\$5 or algorithm\$1 or mathematical or formula\$1)and (four adj dimension\$4 or 4d)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 14:10

S62	0	ray-tracing same screen same (observation or observ\$5 or display\$4) and (view and (location or position))and (acquir\$3 or captur\$3 or sensing or sensor)and render\$3 and surface\$1 same (color or shadow\$3 or shading or gradation or gray adj scal\$3 or grey adj scal\$3 or light)same (hamilton or hamiltonian or euler or snell or (numerical or mathematical) near3 analy\$7 or interpolation or interpolat\$5 or calculat\$5 or algorithm\$1 or mathematical or formula\$1)and (four adj dimension\$4 or 4d)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 14:11
S63	0	ray-tracing same screen and (observation or observ\$5 or display\$4) and (view and (location or position))and (acquir\$3 or captur\$3 or sensing or sensor)and render\$3 and surface\$1 same (color or shadow\$3 or shading or gradation or gray adj scal\$3 or grey adj scal\$3 or light)same (hamilton or hamiltonian or euler or snell or (numerical or mathematical) near3 analy\$7 or interpolation or interpolat\$5 or calculat\$5 or algorithm\$1 or mathematical or formula\$1)and (four adj dimension\$4 or 4d)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 14:11
S64	0	ray-tracing same screen and (observation or observ\$5 or display\$4) and (view and (location or position))and (acquir\$3 or captur\$3 or sensing or sensor)and render\$3 and surface\$1 and (color or shadow\$3 or shading or gradation or gray adj scal\$3 or grey adj scal\$3 or light)same (hamilton or hamiltonian or euler or snell or (numerical or mathematical) near3 analy\$7 or interpolation or interpolat\$5 or calculat\$5 or algorithm\$1 or mathematical or formula\$1)and (four adj dimension\$4 or 4d)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 14:11

S65	0	ray-tracing same screen and (observation or observ\$5 or display\$4) and (view and (location or position))and (acquir\$3 or captur\$3 or sensing or sensor)and render\$3 and surface\$1 and (color or shadow\$3 or shading or gradation or gray adj scal\$3 or grey adj scal\$3 or light)and (hamilton or hamiltonian or euler or snell or (numerical or mathematical) near3 analy\$7 or interpolation or interpolat\$5 or calculat\$5 or algorithm\$1 or mathematical or formula\$1)and (four adj dimension\$4 or 4d)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 14:12
S66	0	ray-tracing same screen and (observation or observ\$5 or display\$4) and (view and (location or position))and (acquir\$3 or captur\$3 or sensing or sensor)and render\$3 and surface\$1 and (color or shadow\$3 or shading or gradation or gray adj scal\$3 or grey adj scal\$3 or light)and (hamilton or hamiltonian or euler or snell or (numerical or mathematical) near3 analy\$7 or interpolation or interpolat\$5 or calculat\$5 or algorithm\$1 or mathematical or formula\$1 or differentiation)and (four adj dimension\$4 or 4d)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 14:12
S67	6	ray-tracing and screen and (observation or observ\$5 or display\$4) and (view and (location or position))and (acquir\$3 or captur\$3 or sensing or sensor)and render\$3 and surface\$1 and (color or shadow\$3 or shading or gradation or gray adj scal\$3 or grey adj scal\$3 or light)and (hamilton or hamiltonian or euler or snell or (numerical or mathematical) near3 analy\$7 or interpolation or interpolat\$5 or calculat\$5 or algorithm\$1 or mathematical or formula\$1 or differentiation)and (four adj dimension\$4 or 4d)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 14:15

S68	27	S58 or S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 14:15
S69	6	S68 and S60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 14:16
S70	0	ray-tracing same meshing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 14:17
S71	4	ray-tracing and meshing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 14:18
S72	146	ray-tracing and "345"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 14:18
S73	107	ray-tracing and "345"/\$.ccls. and color	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 14:27
S74	70	ray-tracing and "345"/\$.ccls. and color and light	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 14:18
S75	97	ray-tracing and "345"/\$.ccls. and color and (shading or lighting or light)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 14:19

S76	7	ray-tracing and "345"/\$.ccls. and color and (shading or lighting or light)and ((view\$3 or display\$4) same (observation or observe or observing ))same screen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 14:21
S77	7	ray-tracing and "345"/\$.ccls. and color and (surface or object\$1)same(shading or lighting or light)and ((view\$3 or display\$4) same (observation or observe or observing ))same screen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 14:22
S78	28	S77 or S68 or S69	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 14:22
S79	6	S77 and S68	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 14:23
S80	6	S77 and S68 and render\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 14:23
S81	2	ray-tracing and "345"/\$.ccls. and color and hamiltonian	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 14:28
S82	3	ray-tracing same hamiltonian and color and light	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2004/12/09 14:28
S83	17	ray adj tracing same volumetric	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 15:31

S84	13	ray adj tracing same volumetric and (composite\$1 or compositing or joining or group\$3 or union)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 15:32
S85	1	(ray adj tracing same volumetric )same (composite\$1 or compositing or joining or group\$3 or union)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 15:35
S86	11	(ray adj tracing same volumetric )same (composite\$1 or compositing or joining or group\$3 or union or render\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 15:39
S87	2	(ray adj tracing same volumetric )same (composite\$1 or compositing or joining or group\$3 or union or render\$3)same (light\$3 or shad\$3)same object\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 15:43
S88	2	(ray adj tracing same volumetric )same (composite\$1 or compositing or joining or group\$3 or union or render\$3)same (light\$3 or shad\$3 or alpha or transparen\$5)same object\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 15:43
S89	5	(ray adj tracing same volumetric )same (composite\$1 or compositing or joining or group\$3 or union or render\$3 or object\$1 or fox or fixed or object near4 surface)same (light\$3 or shad\$3 or alpha or transparen\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 15:47
S90	2	"6771263"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 15:48
S91	1340	ray adj tracing same surface	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 15:49
S92	0	ray adj tracing same (object\$1 and surface and symplectic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 15:50



S93	0	ray adj tracing same ( symplectic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 15:50
S94	0	display\$3 same ( symplectic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 15:51
S95	3960	ray adj tracing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 15:51
S96	42	ray adj tracing and (location or positon)near5 (viewpoint or observation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 15:53
S97	85	ray adj tracing and (location or positon)with (viewpoint or observation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 15:53
S98	38	ray adj tracing and (location or positon)with ((viewpoint or observation)and (fix or fixed or set))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 15:54
S99	17	ray adj tracing and (location or positon)with ((viewpoint or observation)and (fix or fixed or set))and differentiation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 15:54
S10 0	0	ray adj tracing and (location or positon)with ((viewpoint or observation)and (fix or fixed or set))and differentiation with fast	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 15:54
S10 1	0	ray adj tracing and (location or positon)with (viewpoint or observation)and (fix or fixed or set) and differentiation with fast	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 15:55
S10 2	0	ray adj tracing and (location or positon)with (viewpoint or observation) and differentiation with fast	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 15:55

S10 3	0	ray adj tracing and differentiation with fast	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 15:56
S10 4	144	ray adj tracing and differentiation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 15:56
S10 5	1	ray adj tracing and differentiation with (automatic\$4 or fast)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 15:57
S10 6	144	ray adj tracing and differentiation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 15:57
S10 7	1	ray adj tracing with differentiation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 15:58
S10 8	5	fast adj differentiation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 15:58
S10 9	79	fast near4 differentiation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 15:58
S11 0	0	fast near4 differentiation and ray adj tracing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 16:01
S11 1	1848	(segment\$6 or partition\$4 or tile or tiled or tiling or composite\$1 or compositing or differentiation ) and ray adj tracing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 16:01
S11 2	82	(segment\$6 or partition\$4 or tile or tiled or tiling or composite\$1 or compositing or differentiation ) with ray adj tracing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 16:03

S11 3	2	(fast or quick)same(segment\$6 or partition\$4 or tile or tiled or tiling or composite\$1 or compositing or differentiation ) with ray adj tracing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 16:02
S11 4	12	(segment\$6 or partition\$4 or tile or tiled or tiling or composite\$1 or compositing or differentiation ) with ray adj tracing and (light\$3 or alpha or shadow\$3 or shad\$3 or transparen\$5)with (surface\$1 and object\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 16:05
S11 5	42	(segment\$6 or partition\$4 or tile or tiled or tiling or composite\$1 or compositing or differentiation ) with ray adj tracing and (light\$3 or alpha or shadow\$3 or shad\$3 or transparen\$5)with (surface\$1 or object\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 16:05
S11 6	1	(fourth or four or "4")adj dimen\$4 same ray adj tracing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 16:06
S11 7	5	(fourth or four or "4")adj dimension\$4 same ray adj tracing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 16:13
S11 8	84	(fourth or four or "4")adj dimension\$4 and ray adj tracing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 16:14
S11 9	74	space and time and (fourth or four or "4")adj dimension\$4 and ray adj tracing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 16:14
S12 0	73	space and time and (fourth or four or "4")adj dimension\$4 and ray adj tracing and (location\$1 or position\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 16:14
S12 1	0	space and time and (fourth or four or "4")adj dimension\$4 and ray adj tracing and (location\$1 or position\$1)and render\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 16:15

S12 2	54	space and time and (fourth or four or "4")adj dimension\$4 and ray adj tracing and (location\$1 or position\$1)and render\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 16:15
S12 3	52	space and time and (fourth or four or "4")adj dimension\$4 and ray adj tracing and (location\$1 or position\$1)and render\$3 and (view\$3 or viewpoint\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 16:15
S12 4	68	space and time and (fourth or four or "4")adj dimension\$4 and ray adj tracing and (location\$1 or position\$1)and (color or alpha or light\$3 or transparen\$5 or render\$3 or shad\$3)and (view\$3 or viewpoint\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 16:17
S12 5	5	space and time and (fourth or four or "4")adj dimension\$4 and fast with ray adj tracing and (location\$1 or position\$1)and (color or alpha or light\$3 or transparen\$5 or render\$3 or shad\$3)and (view\$3 or viewpoint\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 16:48
S12 6	5	ray adj tracing and (fourth or four or "4")adj dimension\$4 and fast with ray adj tracing and (location\$1 or position\$1)and (color or alpha or light\$3 or transparen\$5 or render\$3 or shad\$3)and (view\$3 or viewpoint\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 17:03
S12 7	34	"5574466"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 17:05
S12 8	13	"5574466" and ray adj tracing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 17:05
S12 9	2	"5574466" and ray adj tracing same fast	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 20:36

S13 0	121	ray adj tracing same fast	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 20:36
S13 1	982	ray adj tracing and fast	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 20:36
S13 2	101	render\$3 with ray adj tracing and fast	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 20:36
S13 3	0	rat adj tracing and render\$3 with ray adj tracing and fast	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 20:37
S13 4	101	ray adj tracing and render\$3 with ray adj tracing and fast	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 20:37
S13 5	4609818	(view\$3 or view adj screen or view adj point\$1) ray adj tracing and render\$3 with ray adj tracing and fast and render\$3 with object\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 20:39
S13 6	70	(view\$3 or view adj screen or view adj point\$1)and ray adj tracing and render\$3 with ray adj tracing and fast and render\$3 with object\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 20:39
S13 7	52	object\$1 with(view\$3 or view adj screen or view adj point\$1)and ray adj tracing and render\$3 with ray adj tracing and fast and render\$3 with object\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 20:39
S13 8	36	(color\$1 or light\$3 or shad\$3 )with object\$1 with(view\$3 or view adj screen or view adj point\$1)and ray adj tracing and render\$3 with ray adj tracing and fast and render\$3 with object\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 20:41

S13 9	7	(color\$1 or light\$3 or shad\$3 )with object\$1 with(view\$3 or view adj screen or view adj point\$1)and ray adj tracing and render\$3 with ray adj tracing and fast and render\$3 with object\$1 and (blackhole or black adj hole or 4d or 4-d or four adj dimension\$4 or fourth adj dimension\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 20:44
S14 0	29	(color\$1 or light\$3 or shad\$3 )with object\$1 with(view\$3 or view adj screen or view adj point\$1)and ray adj tracing and render\$3 with ray adj tracing and fast and render\$3 with object\$1 and (blackhole or black adj hole or 4d or 4-d or four adj dimension\$4 or fourth adj dimension\$4 or voxel or volume or volumetric)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 20:45
S14 1	29	(color\$1 or light\$3 or shad\$3 )with object\$1 with(view\$3 or view adj screen or view adj point\$1)and ray adj tracing and render\$3 with ray adj tracing and fast and render\$3 with object\$1 and (blackhole or black adj hole or 4d or 4-d or four adj dimension\$4 or fourth adj dimension\$4 or voxel or volume or volumetric)and fast	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 20:45
S14 2	29	(color\$1 or light\$3 or shad\$3 )with object\$1 with(view\$3 or view adj screen or view adj point\$1)and ray adj tracing and render\$3 with ray adj tracing and fast and render\$3 with object\$1 and (blackhole or black adj hole or 4d or 4-d or four adj dimension\$4 or fourth adj dimension\$4 or voxel or volume or volumetric)and (fast\$3 or slow\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 20:46
S14 3	15	(color\$1 or light\$3 or shad\$3 )with object\$1 with(view\$3 or view adj screen or view adj point\$1)same (location\$1 or position\$1)and ray adj tracing and render\$3 with ray adj tracing and fast and render\$3 with object\$1 and (blackhole or black adj hole or 4d or 4-d or four adj dimension\$4 or fourth adj dimension\$4 or voxel or volume or volumetric)and (fast\$3 or slow\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 20:46



S14 4	15	(color\$1 or light\$3 or shad\$3 )with object\$1 with(view\$3 or view adj screen or view adj point\$1)same (location\$1 or position\$1)and ray adj tracing and render\$3 with ray adj tracing and fast and render\$3 with object\$1 and (blackhole or black adj hole or 4d or 4-d or four adj dimension\$4 or fourth adj dimension\$4 or voxel or volume or volumetric)and (fast\$3 or slow\$3) and (ray adj tracing or symplectic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 20:53
S14 5	1	(color\$1 or light\$3 or shad\$3 )with object\$1 with(view\$3 or view adj screen or view adj point\$1)same (location\$1 or position\$1)and ray adj tracing and render\$3 with ray adj tracing and fast and render\$3 with object\$1 and (blackhole or black adj hole or 4d or 4-d or four adj dimension\$4 or fourth adj dimension\$4 or voxel or volume or volumetric)and (fast\$3 or slow\$3) and (ray adj tracing or symplectic) and (euler)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 20:58
S14 6	1	(color\$1 or light\$3 or shad\$3 )with object\$1 with(view\$3 or view adj screen or view adj point\$1)same (location\$1 or position\$1)and ray adj tracing and render\$3 with ray adj tracing and fast and render\$3 with object\$1 and (blackhole or black adj hole or 4d or 4-d or four adj dimension\$4 or fourth adj dimension\$4 or voxel or volume or volumetric)and (fast\$3 or slow\$3) and (ray adj tracing or symplectic) and (hamilton)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 21:00
S14 7	1	(color\$1 or light\$3 or shad\$3 )with object\$1 with(view\$3 or view adj screen or view adj point\$1)with (location\$1 or position\$1)and ray adj tracing and render\$3 with ray adj tracing and fast and render\$3 with object\$1 and (blackhole or black adj hole or 4d or 4-d or four adj dimension\$4 or fourth adj dimension\$4 or voxel or volume or volumetric)and (fast\$3 or slow\$3) and (ray adj tracing or symplectic) and (hamilton)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 21:00

S14 8	4	(color\$1 or light\$3 or shad\$3 )with object\$1 with(view\$3 or view adj screen or view adj point\$1)with (location\$1 or position\$1)and ray adj tracing and render\$3 with ray adj tracing and fast and render\$3 with object\$1 and (blackhole or black adj hole or 4d or 4-d or four adj dimension\$4 or fourth adj dimension\$4 or voxel or volume or volumetric)and (fast\$3 or slow\$3) and (ray adj tracing or symplectic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 21:21
S14 9	8	(color\$1 or light\$3 or shad\$3 )with object\$1 with(view\$3 or view adj screen or view adj point\$1)with (location\$1 or position\$1)and (ray adj tracing or ray casting) and render\$3 with (ray adj casting or ray adj tracing) and fast and render\$3 with object\$1 and (blackhole or black adj hole or 4d or 4-d or four adj dimension\$4 or fourth adj dimension\$4 or voxel or volume or volumetric)and (fast\$3 or slow\$3) and (ray adj casting or ray adj tracing or symplectic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 22:02
S15 0	4	(acquir\$4 or captur\$3 or camera or ccd) and (color\$1 or light\$3 or shad\$3 )with object\$1 with(view\$3 or view adj screen or view adj point\$1)with (location\$1 or position\$1)and (ray adj tracing or ray casting) and render\$3 with (ray adj casting or ray adj tracing) and fast and render\$3 with object\$1 and (blackhole or black adj hole or 4d or 4-d or four adj dimension\$4 or fourth adj dimension\$4 or voxel or volume or volumetric)and (fast\$3 or slow\$3) and (ray adj casting or ray adj tracing or symplectic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 23:37

S15 1	1	(acquir\$4 or captur\$3 or camera or ccd) and (color\$1 or light\$3 or shad\$3 )with object\$1 with(view\$3 or view adj screen or view adj point\$1)with (location\$1 or position\$1)same (ray adj tracing or ray casting) and render\$3 with (ray adj casting or ray adj tracing) and fast and render\$3 with object\$1 and (blackhole or black adj hole or 4d or 4-d or four adj dimension\$4 or fourth adj dimension\$4 or voxel or volume or volumetric)and (fast\$3 or slow\$3) and (ray adj casting or ray adj tracing or symplectic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 22:04
S15 2	0	(acquir\$4 or captur\$3 or camera or ccd) and (color\$1 or light\$3 or shad\$3 )with object\$1 with(view\$3 or view adj screen or view adj point\$1)with (location\$1 or position\$1)with (ray adj tracing or ray casting) and render\$3 with (ray adj casting or ray adj tracing) and fast and render\$3 with object\$1 and (blackhole or black adj hole or 4d or 4-d or four adj dimension\$4 or fourth adj dimension\$4 or voxel or volume or volumetric)and (fast\$3 or slow\$3) and (ray adj casting or ray adj tracing or symplectic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 22:04
S15 3	4	(acquir\$4 or captur\$3 or camera or ccd) and (color\$1 or light\$3 or shad\$3 )with object\$1 with(view\$3 or view adj screen or view adj point\$1)with (location\$1 or position\$1)and (ray adj tracing or ray casting) and render\$3 with (ray adj casting or ray adj tracing) and fast and render\$3 with object\$1 and (blackhole or black adj hole or 4d or 4-d or four adj dimension\$4 or fourth adj dimension\$4 or voxel or volume or volumetric)and (fast\$3 or slow\$3) and (ray adj casting or ray adj tracing or symplectic) and color	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 23:41

S15 4	1	(acquir\$4 or captur\$3 or camera or ccd) and (color\$1 or light\$3 or shad\$3 )with object\$1 with(view\$3 or view adj screen or view adj point\$1)with (location\$1 or position\$1)and (ray adj tracing or ray casting) and render\$3 with (ray adj casting or ray adj tracing) and fast and render\$3 with object\$1 and (blackhole or black adj hole or 4d or 4-d or four adj dimension\$4 or fourth adj dimension\$4 or voxel or volume or volumetric)and (fast\$3 or slow\$3) and (ray adj casting or ray adj tracing or symplectic) and color and render\$3 with (object\$1 and color)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 23:44
S15 5	1	(acquir\$4 or captur\$3 or camera or ccd) and (color\$1 or light\$3 or shad\$3 )with object\$1 with(view\$3 or view adj screen or view adj point\$1)with (location\$1 or position\$1)and (ray adj tracing or ray casting) and render\$3 with (ray adj casting or ray adj tracing) and fast and render\$3 with object\$1 and (blackhole or black adj hole or 4d or 4-d or four adj dimension\$4 or fourth adj dimension\$4 or voxel or volume or volumetric)and (fast\$3 or slow\$3) and (ray adj casting or ray adj tracing or symplectic) and color and render\$3 with (object\$1 and color) and color with object\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 23:44

S15 6	0	(acquir\$4 or captur\$3 or camera or ccd) and (color\$1 or light\$3 or shad\$3 )with object\$1 with(view\$3 or view adj screen or view adj point\$1)with (location\$1 or position\$1)and (ray adj tracing or ray casting) and render\$3 with (ray adj casting or ray adj tracing) and fast and render\$3 with object\$1 and (blackhole or black adj hole or 4d or 4-d or four adj dimension\$4 or fourth adj dimension\$4 or voxel or volume or volumetric)and (fast\$3 or slow\$3) and (ray adj casting or ray adj tracing or symplectic) and color and render\$3 with (object\$1 and color) and color with object\$1 and (captur\$3 or acquir\$3) with (color\$1 and object\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 23:45
S15 7	1	(acquir\$4 or captur\$3 or camera or ccd) and (color\$1 or light\$3 or shad\$3 )with object\$1 with(view\$3 or view adj screen or view adj point\$1)with (location\$1 or position\$1)and (ray adj tracing or ray casting) and render\$3 with (ray adj casting or ray adj tracing) and fast and render\$3 with object\$1 and (blackhole or black adj hole or 4d or 4-d or four adj dimension\$4 or fourth adj dimension\$4 or voxel or volume or volumetric)and (fast\$3 or slow\$3) and (ray adj casting or ray adj tracing or symplectic) and color and render\$3 with (object\$1 and color) and color with object\$1 and (captur\$3 or acquir\$3) with (color\$1 or object\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 23:45

S15 8	1	(acquir\$4 or captur\$3 or camera or ccd) and (color\$1 or light\$3 or shad\$3 )with object\$1 with(view\$3 or view adj screen or view adj point\$1)with (location\$1 or position\$1)and (ray adj tracing or ray casting) and render\$3 with (ray adj casting or ray adj tracing) and fast and render\$3 with object\$1 and (blackhole or black adj hole or 4d or 4-d or four adj dimension\$4 or fourth adj dimension\$4 or voxel or volume or volumetric)and (fast\$3 or slow\$3) and (ray adj casting or ray adj tracing or symplectic) and color and render\$3 with (object\$1 and color) and color with object\$1 and (captur\$3 or acquir\$3) same (color\$1 and object\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 23:46
S15 9	1	S154 and S155 and S157 and S158	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 23:47
S16 0	1	S154 and S155 and S157 and S158 and (object\$1 or image\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/07 23:47
S16 1	25	"5442733"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 20:24
S16 2	32	"5384906"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 20:24
S16 3	0	"5384906" and processors adj are adj free	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 20:24
S16 4	1	"5384906" and processors adj3 free	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 20:53



S16 5	22	"5384906" and processors	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 20:27
S16 6	11	"5384906" and processors with (sync or synchroniz\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 20:33
S16 7	1	"5384906" and processors with ((sync or synchroniz\$7)and (advantage\$1 or benefit\$1 or beneficial))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 20:35
S16 8	5	"5384906" and processors with ((sync or synchroniz\$7)and (advantage\$1 or benefit\$1 or beneficial) or solutio or problem)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 20:35
S16 9	5	"5384906" and processors with ((sync or synchroniz\$7)and (advantage\$1 or benefit\$1 or beneficial) or solution or problem)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 20:43
S17 0	2	"5384906" and processors with ((sync or synchroniz\$7)and (advantage\$1 or benefit\$1 or beneficial) or solution or problem)and (updat\$3 or refresh\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 20:44
S17 1	0	"5384906" and (updat\$3 or refresh\$3) with processors with ((sync or synchroniz\$7)and (advantage\$1 or benefit\$1 or beneficial) or solution or problem)and (updat\$3 or refresh\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 20:45
S17 2	1	"5384906" and (updat\$3 or refresh\$3) with processors and processors with ((sync or synchroniz\$7)and (advantage\$1 or benefit\$1 or beneficial) or solution or problem)and (updat\$3 or refresh\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 20:45
S17 3	3	"6738964"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 20:53

S17 4	5	"5442733" and ray with trac\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 23:51
S17 5	2	"5442733" and ray with trac\$3 and fast with ray	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 23:51
S17 6	2	"5442733" and ray with trac\$3 and fast with ray and object\$1 with scene	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 23:52
S17 7	2	"5442733" and ray with trac\$3 and fast with ray and object\$1 with scene and screen	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/09 23:52
S17 8	2	"5442733" and ray with trac\$3 and fast with ray and object\$1 with scene and screen and (view or viewpoint)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 00:12
S17 9	0	"5442733" and ray with trac\$3 and fast with ray and object\$1 with scene and screen and (view or viewpoint) and ray adj manager and (save or saves or saving)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 00:12
S18 0	1	"5442733" and ray with trac\$3 and fast with ray and object\$1 with scene and screen and (view or viewpoint) and ray adj manager	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 00:15
S18 1	1	"5442733" and ray with trac\$3 and fast with ray and object\$1 with scene and screen and (view or viewpoint) and ray adj manager and memory	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 00:14
S18 2	0	"5442733" and ray with trac\$3 and fast with ray and object\$1 with scene and screen and (view or viewpoint) and ray adj manager with memory	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 00:14
S18 3	1	"5442733" and ray with trac\$3 and fast with ray and object\$1 with scene and screen and (view or viewpoint) and ray adj manager same memory	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 00:14

S18 4	1	"5442733" and ray with trac\$3 and fast with ray and object\$1 with scene and screen and (view or viewpoint) and ray adj manager and memory	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 00:17
S18 5	1	"5442733" and ray with trac\$3 and fast with ray and object\$1 with scene and screen and (view or viewpoint) and ray adj manager and memory and color	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 00:19
S18 6	1	"5442733" and ray with trac\$3 and fast with ray and object\$1 with scene and screen and (view or viewpoint) and ray adj manager and memory and color with precomput\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 00:25
S18 7	1	"5442733" and ray with trac\$3 and fast with ray and object\$1 with scene and screen and (view or viewpoint) and ray adj manager and memory and color with (stor\$4 or precomput\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 00:31
S18 8	1	"5442733" and ray with trac\$3 and fast with ray and object\$1 with scene and screen and (view or viewpoint) and ray adj manager and memory and color with (stor\$4 or precomput\$3)and (location or position or coordinate\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 00:43
S18 9	0	"5442733" and ray with trac\$3 and fast with ray and object\$1 with scene and screen and (view or viewpoint) and ray adj manager and memory and color with (stor\$4 or precomput\$3)and (location or position or coordinate\$1)and canon\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 00:44
S19 0	0	"5305430" and canon\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 00:44
S19 1	12	"5305430" and (view or viewpoint)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 00:50

S19 2	3	ray adj trac\$3 with canonical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 00:52
S19 3	2	(volume or volumetric or fast) with ray adj trac\$3 with canonical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 00:53
S19 4	2	(volume or volumetric or fast) same ray adj trac\$3 with canonical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 00:53
S19 5	2	(volume or volumetric or fast) same ray adj trac\$3 same canonical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 00:53
S19 6	3	ray adj trac\$3 same canonical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 00:58
S19 7	16	ray adj trac\$3 same fast with (interpolat\$5 or algorithm\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 00:55
S19 8	2	canonical same ray adj trac\$3 same fast with (interpolat\$5 or algorithm\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 00:56
S19 9	2	canonical same ray adj trac\$3 same fast with (interpolat\$5 or algorithm\$1 or processing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 00:56
S20 0	3	canonical and ray adj trac\$3 same fast with (interpolat\$5 or algorithm\$1 or processing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 00:56
S20 1	0	"6160907" and canonical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 00:58

S20 2	11	"6160907" and (view or viewpoint)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 01:12
S20 3	1	"6262742" and canonical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 01:12
S20 4	239	"345"/\$.ccls. and canonical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 01:13
S20 5	470	("382"/\$.ccls. or "345"/\$.ccls.) and canonical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 01:13
S20 6	11	("382"/\$.ccls. or "345"/\$.ccls.) and canonical and (fast or volume or volumetric)with trac\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 01:15
S20 7	0	("382"/\$.ccls. or "345"/\$.ccls.) and canonical and (fast and (volume or volumetric))with trac\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 01:15
S20 8	0	("382"/\$.ccls. or "345"/\$.ccls.) and canonical and (fast and (volume or volumetric))same trac\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 01:15
S20 9	21	("382"/\$.ccls. or "345"/\$.ccls.) and canonical and (fast or (volume or volumetric))same trac\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 01:16
S21 0	41	("382"/\$.ccls. or "345"/\$.ccls.) and canonical and (fast or (volume or volumetric)or integration or interpolat\$5)same trac\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 01:16
S21 1	41	("382"/\$.ccls. or "345"/\$.ccls.) and canonical and (fast or (volume or volumetric)or integration or interpolat\$5 or euler or hamilton)same trac\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 01:18



S21 2	30	("382"/\$.ccls. or "345"/\$.ccls.) and canonical and (fast or (volume or volumetric)or integration or interpolat\$5 or euler or hamilton)same trac\$3 and render\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 01:17
S21 3	12	("382"/\$.ccls. or "345"/\$.ccls.) and canonical and (fast or (volume or volumetric)or integration or interpolat\$5 or euler or hamilton)same (trace or traces or tracing\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 01:18
S21 4	6	("382"/\$.ccls. or "345"/\$.ccls.) and canonical and (fast or (volume or volumetric)or integration or interpolat\$5 or euler or hamilton)same (trace or traces or tracing\$3)near4 ray	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 01:25
S21 5	6	("382"/\$.ccls. or "345"/\$.ccls.) and canonical and (fast or (volume or volumetric)or integration or interpolat\$5 or euler or hamilton)same (trace or traces or tracing\$3)near4 ray and (fast or ( volume or volumetric)or integration or interpolat\$5 or euler or hamilton)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 02:21
S21 6	10	"6160907" and trac\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 02:22
S21 7	8	"5305430" and ray and (trace or tracing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 02:25
S21 8	6	"5305430" and ray and (trace or tracing)and scene and view\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 02:26
S21 9	3	"5305430" and ray and (trace or tracing)and scene same (location or position) and view\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 02:26



S22 0	2	"5305430" and ray and (trace or tracing)and scene same (location or position) and view\$3 and (fast or volume or volumetric)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 02:27
S22 1	2	"5305430" and ray and (trace or tracing)and scene same (location or position) and view\$3 and (fast or volume or volumetric)same (ray or trac\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 02:30
S22 2	2	"5305430" and ray and (trace or tracing)and scene same (location or position) same view\$3 and (fast or volume or volumetric)same (ray or trac\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 02:30
S22 3	2	"5305430" and ray same (trace or tracing)and scene same (location or position) same view\$3 and (fast or volume or volumetric)same (ray or trac\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 02:30
S22 4	0	"5305430" and ray same (trace or tracing)with scene same (location or position) same view\$3 and (fast or volume or volumetric)same (ray or trac\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 02:30
S22 5	0	"5305430" and ray same (trace or tracing)same scene same (location or position) same view\$3 and (fast or volume or volumetric)same (ray or trac\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 02:30
S22 6	2	"5305430" and ray same (trace or tracing)and scene same (location or position) same view\$3 and (fast or volume or volumetric)same (ray or trac\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 02:30
S22 7	3	"5305430" and ray same (trace or tracing)and scene same (location or position) same view\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 02:37
S22 8	4	"5442733" and ray adj tracing with volum\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 02:37
S22 9	1	"5442733" and fast same ray adj tracing with volum\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 02:44

S23 0	19	"5442733" and render\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 02:57
S23 1	1	"5305430" and cone	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 02:57
S23 2	5	"5305430" and volum\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 02:59
S23 3	6	"5305430" and realistic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 03:41
S23 4	34	euler and ray adj tracing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 03:42
S23 5	4	euler same ray adj tracing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 03:42
S23 6	0	euler with ray adj tracing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 03:42
S23 7	34	euler and ray adj tracing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 03:42
S23 8	1	canonical and euler and ray adj tracing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 03:50
S23 9	6	"5588098" and curv\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 03:50

S24 0	6	"5588098" and curv\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 03:51
S24 1	1	"5588098" and curv\$6 and canonical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 03:51
S24 2	23	glassner and (curve\$1 or curving or curvature\$1)and canonical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 03:54
S24 3	0	glassner and (curve\$1 or curving or curvature\$1)with canonical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 03:55
S24 4	0	glassner and (curve\$1 or curving or curvature\$1)same canonical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 03:55
S24 5	76	(curve\$1 or curving or curvature\$1)same canonical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 03:55
S24 6	47	(curve\$1 or curving or curvature\$1)with canonical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 03:55
S24 7	0	(curve\$1 or curving or curvature\$1)with canonical and ray adj tracing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 03:55
S24 8	14	(curve\$1 or curving or curvature\$1)with canonical and ("345"/\$.ccls. or "382"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 03:56
S24 9	10	(curve\$1 or curving or curvature\$1)with canonical and ("345"/\$.ccls. or "382"/\$.ccls.)and render\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 03:59

S25 0	9	(curve\$1 or curving or curvature\$1)with canonical and ("345"/\$.ccls. or "382"/\$.ccls.)and render\$3 and (fast or volume or volumetric)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 04:00
S25 1	8	(curve\$1 or curving or curvature\$1)with canonical and ("345"/\$.ccls. or "382"/\$.ccls.)and render\$3 and ray	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 04:23
S25 2	3	"5588098" and bounding adj2 region	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/10 04:29